

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of managing resources of a ~~multi-user,~~  
downloadable toolbar software application downloaded from a server system to a client  
computer and installed on the client computer, the downloadable toolbar application having a  
toolbar graphical interface that is integrated into a browser application user interface, such that  
the toolbar graphical interface becomes a part of the browser application user interface, the  
downloadable toolbar application graphical interface having a language attribute, deployed in a  
client server system using a resource management program operative on a client computer, the  
method comprising:
- (a) downloading a resource management program from a the server system;
- (ab) receiving at the server system generating a request a message to change the  
language attribute of the downloadable toolbar interface software application in response to  
either a change in user preference or a change of user;
- (b) transmitting to the server system from a client computer the request to change the  
software application;
- (c) receiving into the client computer, from the server system, a preference parameter  
associated with a group of resources needed to accommodate the request to change the language  
attribute of the downloadable toolbar application;
- (d) determining whether the needed group of resources to effect the requested change  
to the language attribute of the downloadable toolbar application is stored locally on the client  
computer using the preference parameter; and

(e) retrieving the needed group of resources from the server system if the needed group of resources is not stored locally on the client computer; and

(f) modifying the toolbar graphical interface of the downloadable toolbar application using the needed group of resources to reflect the requested change to the language attribute of the downloadable toolbar application.

2. (Currently Amended) The method of claim 1, wherein the step of modifying the graphical interface of the downloadable toolbar further comprises:

(f) — passing the needed group of resources to the ~~software~~ downloadable toolbar application so as to enable the toolbar application to access the group of resources.

3. (Currently Amended) The method of claim 2, wherein step passing the needed group of resources further (f) comprises:

calling a function exposed by the downloadable toolbar software application; and

passing the needed group of resources to the downloadable toolbar software application as an argument.

Claim 4 (cancelled).

5. (Currently Amended) The method of claim 4 1, wherein the downloadable toolbar application step (g) comprises:

linking to the needed group of resources to loading text strings and image data into a memory of the client computer to thereby produce a modified toolbar graphical interface reflecting the requested change in the language attribute of the downloadable toolbar application using the text strings and image data;

~~loading text strings and image data into memory of the client computer; and~~

~~producing a user interface using the text strings and image data.~~

6. (Currently Amended) The method of claim 1, further comprising:

(fg) storing the needed group of resources in a memory space of the client computer;  
and

(gh) passing the needed group of resources to the downloadable toolbar software application so as to enable the downloadable toolbar application to access the group of resources.

Claim 7 (cancelled).

8. (Currently Amended) A method of internationalizing a downloadable toolbar software application deployed in a client-server environment, comprising:

(a) downloading from a server the downloadable toolbar application;

(b) installing the downloadable toolbar application on a client computer, upon installation, a toolbar interface of the downloadable toolbar application becoming a part of a browser application user interface, the toolbar interface having language specific attribute;

(ac) storing on a server system the server a plurality of geographic region-language specific groups of resources;

C1 (bd) receiving at the a server-system a request message from a client computer that the downloadable toolbar software application exhibit characteristics indicative of a desired geographic region language;

(ee) receiving from the server system into a resource manager on the client computer a preference parameter associated with a regionlanguage-specific group of resources needed to accommodate the request message;

(df) determining whether the needed regionlanguage-specific group of resources is stored locally on the client computer; and

(eg) retrieving the regionlanguage-specific group of resources from the server system if the needed region language-specific group of resources is not stored locally on the client computer so as to provide the language-specific group of resources to the downloadable toolbar application to generate a graphical user interface reflecting the desired language.

9. (Currently Amended) The method of claim 8, further comprising:

(f) passing the needed language-region-specific group of resources to the software application so as to enable the application to access the needed ~~region~~language-specific group of resources.

10. (Currently Amended) The method of claim 9, wherein the step of passing the needed language-specific group of resources (f)-comprises:

calling a function exposed by the downloadable toolbar software application; and  
passing the needed ~~region~~language-specific group of resources to the downloadable toolbar software application as an argument.

Claim 11 (cancelled).

12. (Currently Amended) The method of claim ~~11~~8, further wherein step (g) comprises:

linking to the needed language-specific group of resources;  
loading text strings and image data into memory of the client computer; and  
producing a graphical user interface using the text strings and image data.

13. (Currently Amended) The method of claim 8, further comprising:

(f) storing the needed ~~region~~language-specific group of resources in a memory space of the client computer; and

(g) passing the needed ~~region~~language-specific group of resources to the ~~software~~ downloadable toolbar application so as to enable the downloadable toolbar application to access the needed ~~region~~language-specific group of resources.

Claim 14 (cancelled).

15. (Currently Amended) A computer system operative with a browser application capable of accessing a network and displaying a web page received from a server system, the computer system being capable of communication with the network; software

~~implemented resource manager for customizing a user interface of a software;~~ the computer system comprising:

**a toolbar application that is downloaded from a server system to the computer system and installed thereon, the toolbar application generating a toolbar interface having a language attribute;**

~~a communication link with a server system; and~~

~~a processor operative with the software implemented resource manager~~ **operative on the computer system** to:

receive from said server system in response to a change in user preference a preference parameter associated with a needed group of resources for customizing the **toolbar** user interface of the ~~software~~**toolbar** application according to ~~a~~the change of user preference;

determine, upon receipt of the preference parameter, whether the needed group of resources associated with the preference parameter is stored locally on the computer system; and

retrieve the needed group of resources associated with the preference parameter from the server system if the needed group of resources is not stored locally on the client computer so that the **toolbar** ~~software~~ application is enabled to generate ~~a user~~ **the toolbar** interface ~~of the software application~~ using the needed group of resources according to the change in user preference.

Claim 16 (cancelled).

17. (Currently Amended) The system of claim ~~16~~15, wherein the preference is a regional setting.

18. (Currently Amended) The system of claim ~~16~~15, wherein the preference is a language setting.

19. (Currently Amended) The system of claim 15, wherein the generation of the ~~user~~**toolbar** interface further comprises calling a function exposed by the ~~software~~**toolbar**

application, passing the needed group of resources to the ~~software~~toolbar application as an argument, so as to enable the ~~software~~toolbar application to link to the needed group of resources, load text strings and image data into a memory of the ~~client~~ computer system, and generate the customized toolbar user interface using the text strings and image data.

20. (Currently Amended) An application toolbar application client-server system for permitting the internationalization of a ~~software application toolbar interface of the toolbar application, the toolbar application being downloadable via a network and, upon installation, the toolbar interface being integrated within a browser application user interface of a browser application;~~ the client-server system comprising:

CI a server system having stored thereon a plurality of groups of resources, each of the plurality of groups associated with a preference parameter, wherein the server system maintains a user profile database for storing a language preference for a plurality of users; and

a client computer interconnected to the server system through a network, the client computer having operative thereon ~~in the software~~ toolbar application and a software implemented resource manager; and

wherein in response to either a ~~selected~~ change in language preference of a first user or in response to a second user with a language preference different from the first user's language preference logging in to use the ~~software~~ toolbar application on the client computer, the server system transmits the preference parameter associated with the group of resources corresponding to the change in language preference to the client computer, such that the software implemented resource manager on the client computer can determine whether the group of resources associated with the preference parameter are stored locally on the client computer.

21. (Previously presented) The client-server system of claim 20, wherein the group of resources is retrieved from the server system if the group of resources is not stored locally on the client computer.

22. (Currently Amended) A method of modifying a toolbar interface of a downloadable toolbar application that is integrable into a browser application user interface of a browser application, comprising:

- (a) generating on a client computer the toolbar interface as part of the browser application user interface using a first group of resources;
- (b) receiving into a server system a request message to change the toolbar interface;
- (c) communicating, from the server system, a unique identifier associated with a second group of resources needed to change the toolbar interface to the client computer;
- (d) determining whether the second group of resources associated with the unique identifier is stored locally on the client computer; and
- (e) retrieving the second group of resources associated with the unique identifier from the server system if the second group of resources is not stored locally on the client computer.

23. (Currently Amended) The method of claim 22, further comprising:

(f) passing the second group of resources to the browser application so as to enable the browser toolbar application to access the second group of resources.

24. (Currently Amended) The method of claim 23, wherein step (f) comprises:

calling a function exposed by the browser toolbar application; and

passing the group of resources to the browser toolbar application as an argument.

25. (Previously presented) The method of claim 23, further comprising:

(g) accessing the second group of resources;

(h) loading text strings and image data of the second group of resources into a memory of the client computer; and

(i) generating the toolbar interface using the text strings and image data.

26. (Currently Amended) The method of claim 22, further comprising:

(f) storing the group of resources in a memory space of the client computer;

and

(g) passing the group of resources to the ~~software~~ toolbar application so as to enable the toolbar application to access the group of resources.

27. (Currently Amended) A method of increasing the desirability of a user accessible web site using a downloadable toolbar application downloaded from a server system, the toolbar application having a toolbar interface that is integrated within a browser application user interface of a browser application and a client computer, the method comprising:

(a) maintaining a user profile database on a the server system for serving the web site to the browser application, the user profile database including at least one customizable option for customizing a browser toolbar interface of integrated into the browser application;

(b) permitting the user to change the customizable option;

(c) transmitting to the client computer the resources required by the ~~browser toolbar~~ application to generate the customized browser toolbar interface; and

(d) generating a browser toolbar interface on the client computer in response to the change in the customizable option without the need to restart the browser application.

28. (Currently Amended) The method of claim 27, wherein step (d) comprises:

communicating from the server system to the client computer a unique identifier associated with a group of resources needed to accommodate the change in the customizable option;

determining whether the group of resources associated with the unique identifier is stored locally on the client computer;

retrieving the group of resources associated with the unique identifier from the server system if the group of resources is not stored locally on the client computer; and



passing the group of resources to the browser-toolbar application so as to enable the browser-toolbar application to access the group of resources.

29. (Currently Amended) The method of claim 28 wherein step of passing the group of resources to the browser-toolbar application comprises:

calling a function exposed by the browser-toolbar application; and  
passing the group of resources to the browser-toolbar application as an argument.

30. (Currently Amended) A method of modifying a user's interaction with a ~~software~~ downloadable toolbar application without the need to re-start the application, wherein the downloadable toolbar application is deployed in a client server environment and downloaded from the server and installed on the client, such that when operative a toolbar interface of the toolbar application is integrated within a browser application user interface of a browser application ~~without the need to re-start the application~~, comprising the steps of:

(a) identifying a ~~user interface~~ language preference of the user;  
(b) identifying a preference specific resource necessary to the toolbar application to meet the user's language preference; and  
(c) making the preference specific resource available to the toolbar application.

31. (Currently Amended) The method of claim 30, wherein step (a) further comprises:  
receiving into a server system a ~~request~~message to change a language preference setting; and

communicating to a client computer from the server system a preference parameter identifying the ~~user interface~~ language preference.

32. (Previously presented) The method of claim 31, wherein step (b) further comprises:

retrieving a resource identifier associated with the preference specific resource identified by the preference parameter from a map of resource identifiers.

33. (Currently Amended) The method of claim 32, wherein step (c) further comprises:  
determining whether the preference specific resource is locally stored using the resource identifier;

retrieving the preference specific resource from the server system, if the preference specific resource is not locally stored; and

passing the preference specific resource to the ~~software~~ toolbar application as an argument.

34. (Currently Amended) The method of claim 30, wherein step (a) further comprises:  
receiving into a server system a ~~request~~ indication to change a language preference setting; and

receiving into a client computer a preference parameter identifying the ~~user~~ interface-language preference during a subsequent communication with the server system.

35. (Previously presented) The method of claim 34, wherein step (b) further comprises:

retrieving a resource identifier associated with the preference specific resource identified by the preference parameter from a map of resource identifiers.

36. (Currently Amended) The method of claim 35, wherein step (c) further comprises:  
determining whether the preference specific resource is locally stored using the resource identifier;

retrieving the preference specific resource from the server system, if the preference specific resource is not locally stored; and

passing the preference specific resource to the ~~software~~ toolbar application as an argument.

37. (Currently Amended) A method of adapting a user interface of a ~~software~~ downloadable toolbar application in a client server environment to a user's specific language requirements without the need to restart the application, the downloadable toolbar being downloaded from the server and installed on the client such that, upon installation, the user interface of the toolbar application being integrated within a browser application user interface of a browser application, comprising:

- (a) passing an item of data indicative of a change in the user's language requirement to ~~a server system~~ the server;
- (b) identifying the resources necessary to generate the user interface of the toolbar application in the user's required language; and
- (c) making the necessary resources available to the toolbar application ~~program~~.

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38. (Currently Amended) The method of claim 37, wherein step (a) further comprises:  
inputting into a the client ~~computer~~ a user identifier associated with the user's language requirement; and  
communicating the user identifier to the ~~server-system~~.

39. (Currently Amended) The method of claim 38, wherein step (b) further comprises:  
receiving into the client ~~computer~~ from the server ~~system~~ a preference parameter  
identifying the necessary resources to effect the change in the user's language requirement; and  
retrieving a resource identifier associated with the necessary resources identified by the preference parameter from a map of resource identifiers.

40. (Currently Amended) The method of claim 39, wherein step (c) further comprises:  
determining whether the necessary resources are locally stored using the resource identifier;

retrieving the necessary resources from the ~~server-system~~, if the necessary resources are not locally stored at the client; and

passing the necessary resources to the ~~software~~toolbar application as an argument.

41. (Currently Amended) A method of dynamically generating a language-specific ~~user toolbar~~ interface of a ~~software~~ downloadable toolbar application deployed in a client server environment and being downloaded from the server and installed on the client, the toolbar interface becoming a part of a browser application user interface of a browser application, the method comprising:

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- (a) storing on a the server system a plurality of language-specific resources;
  - (b) receiving at the server system a requestmessage ~~from a client computer~~ that the ~~software~~toolbar application generate the language-specific ~~user toolbar~~ interface;
  - (c) receiving from the ~~server system~~ into the ~~software~~toolbar application on the client ~~computer~~ a preference parameter associated with a language-specific resource needed to accommodate the requestmessage;
  - (d) calling a function exposed by a resource manager operable on the client instructing the resource manager to return the needed language-specific resource to the ~~software~~toolbar application;
  - (e) determining whether the needed language-specific resource is stored locally on the client-~~computer~~;
  - (f) retrieving the needed language-specific resource from the ~~server system~~ if the needed language-specific resource is not stored locally on the client-~~computer~~;
  - (g) passing the needed language-specific resource to the ~~software~~toolbar application so as to enable the toolbar application to access the needed language-specific resource; and

(h) generating the language-specific usertoolbar interface utilizing the language-specific resource.

42. (Previously presented) The method of claim 41, wherein step (b) comprises:  
accessing a user profile database;

changing a language setting stored in the user profile database; and  
setting the preference parameter based upon the changed language setting.

43. (Currently Amended) The method of claim 41, wherein step (b) comprises:  
logging onto the server ~~system~~ using a user identifier, the user identifier being  
associated with a language setting stored in a user profile database; and

setting the preference parameter based upon the stored language setting.

44. (Currently Amended) The method of claim 41, wherein step (g) comprises:  
passing a pointer to the language-specific resource to the ~~software~~toolbar  
application;

linking to the language-specific resource;

loading text strings and image data into memory of the client-~~computer~~; and

producing the language-specific user interface using the text strings and image  
data.

45. (Currently Amended) A method of dynamically generating a language-specific  
usertoolbar interface of a ~~software~~toolbar application deployed in a client server environment  
and being downloaded from the server and installed on the client, the toolbar interface becoming  
a part of a browser application user interface of a browser application, the method comprising:

(a) storing on a the server ~~system~~ a plurality of language-specific resources;

(b) receiving at a the server ~~system~~ a requestmessage from a the client  
~~computer~~ that the ~~software~~toolbar application generate the language-specific usertoolbar  
interface;

- (c) receiving from the server ~~system~~ into a resource manager on the client ~~computer~~ a preference parameter associated with a language-specific resource needed to accommodate the ~~request~~message;
- (d) determining whether the needed language-specific resource is stored locally on the client-~~computer~~;
- (e) retrieving the needed language-specific resource from the server ~~system~~ if the needed language-specific resource is not stored locally on the client-~~computer~~;
- (f) passing the needed language-specific resource to the ~~software~~toolbar application so as to enable the toolbar application to access the needed language-specific resource; and
- (g) generating the language-specific ~~user~~toolbar interface utilizing the language-specific resource.

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46. (Previously presented) The method of claim 45, wherein step (b) comprises:  
accessing a user profile database;  
changing a language setting stored in the user profile database; and  
setting the preference parameter based upon the changed language setting.
47. (Previously presented) The method of claim 45, wherein step (b) comprises:  
logging onto the server system using a user identifier, the user identifier being associated with a language setting stored in a user profile database; and  
setting the preference parameter based upon the stored language setting.
48. (Currently Amended) The method of claim 45, wherein step (f) comprises:  
calling a function exposed by the ~~software~~toolbar application; and  
passing a pointer to the language-specific resource to the ~~software~~toolbar application.
49. The method of claim 48, wherein step (g) comprises:

linking to the language-specific resource using the pointer;  
loading text strings and image data into memory of the client-computer; and  
producing the language-specific user interface using the text strings and image data.

50. (Currently Amended) An downloadable Internet browser toolbar displayed as part of an Internet browser interface of an Internet browser application; the browser toolbar comprising:

a graphical interface displayable as part of an Internet browser interface,  
the graphical interface being generated through operation of a software toolbar application;

the software toolbar application utilizing a first group of resources to generate the graphical interface according to a user preference; and

a software implemented resource manager operative with the software application to retrieve and make available to the software toolbar application a second group of resources in response to a ~~software implemented resource manager~~ change in the user preference, and wherein the second group of resources is retrieved from a ~~remote~~ server system if the software implemented resource manager determines that the second group of resources ~~are~~ is not locally stored using a preference parameter associated with the second group of resources received from the server system.

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